

# VOLTAGE CLAMPER CAPABLE OF CONTROLLING A VOLTAGE DROP ACCORDING TO AN EXTERNAL INPUT VOLTAGE

## Abstract

A voltage clamper for controlling an input voltage to generate an output voltage is provided. The voltage clamper includes a bias circuit for generating at least a bias voltage according to the input voltage, a voltage drop circuit for applying a voltage drop to the input voltage, and a voltage detection circuit electrically connected to the voltage drop circuit and the bias circuit for generating the output voltage through adjusting the voltage drop generated from the voltage drop circuit according to the bias voltage.